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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,929	12/03/2003	Chiyoko Matsumi	MTS-3580US	4475
52473	7590	07/12/2007	EXAMINER	
RATNERPRESTIA			PYO, MONICA M	
P.O. BOX 980			ART UNIT	
VALLEY FORGE, PA 19482			PAPER NUMBER	
			2161	
			MAIL DATE	
			DELIVERY MODE	
			07/12/2007	
			PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/725,929	MATSUMI ET AL.	
	Examiner	Art Unit	
	Monica M. Pyo	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 3 and 5-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1, 3 and 5-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/19/2007 has been entered.

2. Claims 1, 3 and 5-20 are currently pending in this application. Claims 1 and 9-14 are independent claims. In the Amendment filed 3/23/2007, claims 1 and 5-14 are amended and claim 21 is cancelled,

Specification

3. The claim amendment received on 3/23/2007. The changes are acknowledged and therefore, the specification objections made in a prior Office Action are withdrawn.

Claim Objections

4. The claim amendment received on 3/23/2007. The changes are acknowledged and therefore, the claim objections made in a prior Office Action are withdrawn.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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6. Claims 1, 3, 5-7 and 9-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,282,362 issued to Murphy et al. (hereinafter Murphy) in view of U.S. Patent Application Publication No. 2004/0052502 by Komatsu et al. (hereinafter Komatsu).

Regarding claim 1, Murphy discloses a recording and reproducing system, comprising:

A). **a record medium for holding a plurality of data files**, as the IRD180 stores the digital object image data files (Murphy: col. 9, lns. 22-38);

B). **a recording apparatus including a parameter extractor for extracting parameter information associated with each of the plurality of data files and recording the parameter information in the record medium as a parameter information file, the parameter information file including;** as the recording of the system position at the time of capture and recording of the object image for the playback unit (Murphy: col. 9, lns. 39-col. 10, lns. 12); and

C). **a reproducing apparatus including a data reproducer for reproducing one of the plurality of data files by using the corresponding position indicator and the corresponding reproduction parameter in the parameter information file**, as the playback unit utilizing the position data L, the time T_i and the index number N (Murphy: col. 10, lns. 1-21).

Murphy does not explicitly disclose:

B). **a position indicator indicating a position of each of the plurality of data files in the record medium and a reproduction parameter for each of the plurality of data files.**

However, Komatsu discloses:

B). a position indicator indicating a position of each of the plurality of data files in the record medium and a reproduction parameter for each of the plurality of data files, as a memory space in the IC chip and divided for each data block, which are used as memory-recording position indicators (Komatsu: pg. 5, [0099-0100]).

It would have been obvious to a person with ordinary skill in the art at the time of invention to modify the teachings of Murphy with the teachings of Komatsu to utilize the position indicator with the motivation to efficiently manage the data recorded on the tape (Komatsu: pg. 1, [0003-0004]).

Claims 9-20 are also rejected based upon the same reasoning as claim 1.

Regarding claim 3, Murphy and Komatsu disclose the recording and reproducing system wherein the parameter information that is associated with each of the plurality of data files is stored in a predetermined location, said parameter extractor obtains said parameter information from the predetermined location (Murphy: col. 9, lns. 22-37; col. 16, lns. 40-52).

Regarding claim 5, Murphy and Komatsu disclose the recording and reproducing system wherein each of the plurality of data files is given a unique data file ID corresponding to a sequential order in which the data files are stored in the record medium, the position indicator indicating a starting position of the data files in the record medium (Murphy: col. 10, lns. 22-54) and (Komatsu: pg. 3, [0067-0068, 0074]; pg. 12, [0232-0233]).

Regarding claim 6, Murphy and Komatsu disclose the recording and reproducing system wherein said position indicator and said reproduction parameter for each of the plurality of data files are provided in the parameter information file by using said respective unique data file Ids (Murphy: col. 10, lns. 22-54) and (Komatsu: pg. 3, [0067-0068]; pg. 5, [0099]).

Regarding claim 7, Murphy and Komatsu disclose the recording and reproducing system wherein said parameter information file stores the position indicator and the reproduction parameter by using a classification according to a type of data (Murphy: col. 9, lns. 22-38 and 45-67) and (Komatsu: pg. 12, [0099-0100]).

7. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy in view of Komatsu as applied to claims 1, 3, 5-7 and 9-20 above, in view of U.S. Patent Application Publication No. 20030012549 by Ohnuma (hereinafter Ohnuma).

Regarding claim 8, Murphy and Komatsu disclose the recording and reproducing system wherein said parameter extractor extracts information associated with each of the plurality of data files and records information in the record medium as information file (Murphy: col. 9, lns. 22-38 and 45-67; col. 10, lns. 22-54).

Murphy and Komatsu does not explicitly disclose: a meta-data,

However, Ohnuma discloses: a meta-data (Ohnuma: [0048-0049]; [0090]).

It would have been obvious to a person with ordinary skill in the art at the time of invention to modify the teachings of Murphy and Komatsu with the teachings of Ohnuma to

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utilize the meta-data information with the motivation to enhance utilizing a specific content of the meta-data information (Ohnuma: [0033]).

Response to Arguments

8. Applicant's arguments with respect to claims 1, 3 and 5-20 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

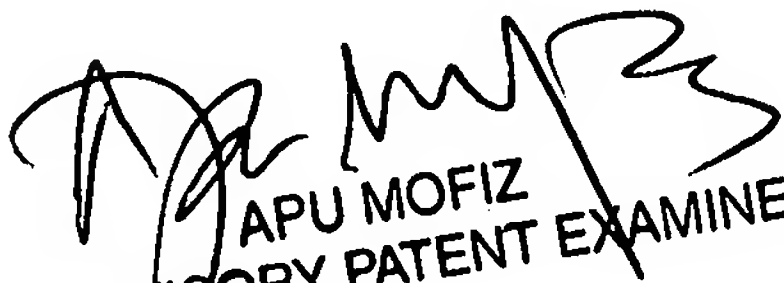
9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monica M. Pyo whose telephone number is 571-272-8192. The examiner can normally be reached on Mon & Thur 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.;

mpyo 6/28/07

Monica M Pyo
Examiner
Art Unit 2161


APU MOFIZ
SUPERVISORY PATENT EXAMINER

